



# Rotating cleaning nozzle “XactClean® HP+” Series 5S5

**NEW**

## Series 5S5

The XactClean® HP+ provides uniform cleaning and high impact, thanks to specially developed flat fan nozzles. Controlled rotation, along with higher flow rates, ensures effective results, especially in larger tanks. The robust drive unit makes the XactClean® HP+ extremely dependable and increases operational reliability. This nozzle is compatible with the Lechler rotation monitoring sensor, making it easy to oversee the cleaning process.



To see video

Scan the QR-code or go to:  
[www.lechlerusa.com](http://www.lechlerusa.com)



**Max. tank diameter [ft]**

0

10

20

30



**Material**  
316L SS, 316 SS,  
PEEK, EPDM



**Max. temperature**  
203°F/95 °C



**Recommended operating pressure**  
45 psi



**Installation**  
Operation in every direction is possible



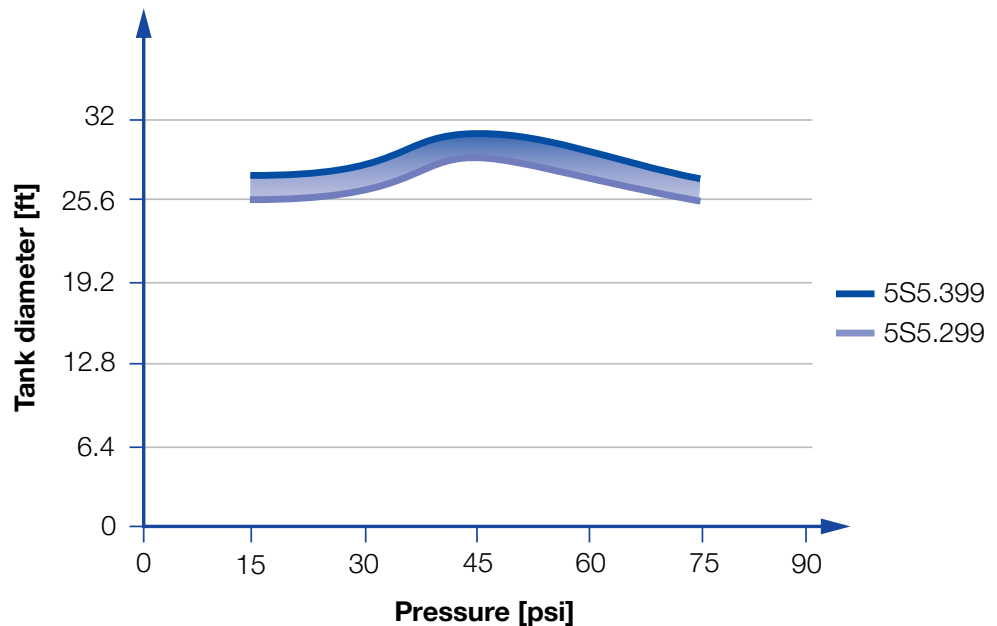
**Filtration**  
Line strainer with a mesh size of 0.3 mm/50 mesh



**Bearing**  
Double ball bearing

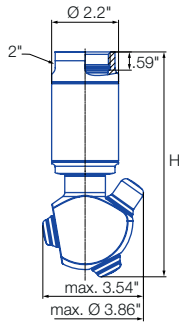


**Rotation monitoring sensor**  
Sensor compatible, please ask for more information.

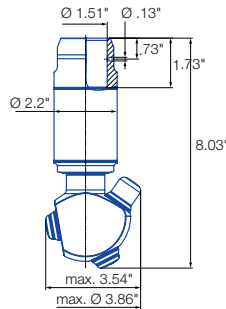


Overview of the tank diameter, depending upon the pressure of series 5S5











Female thread



Dimensions slip-on connection according to ASME-BPE (OD-tube)

### Nozzle dimensions [in]

Connection	Max. Height [H]
<b>BN</b>	7.28
<b>BQ</b>	7.28
<b>BS</b>	7.36

Spray angle 	Ordering no.					Free passage Ø [in]	Flow Rate (Gallons Per Minute)				Max. tank diameter [ft]
	Type	Connection					liters per minute	30 psi	45 psi	75 psi	
		1 NPT	1 1/4 NPT	1 1/2 NPT	1 1/2" Slip-on						
180° 	<b>5S5.293.1Y</b>	<b>BN</b>	-	-	<b>TF15</b>	.12	165	44.3	54.3	70.1	29.5
	<b>5S5.323.1Y</b>	<b>BN</b>	<b>BQ</b>	-	<b>TF15</b>	.12	200	53.7	65.8	84.9	30.2
	<b>5S5.363.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	250	67.2	82.3	106.1	30.8
180° 	<b>5S5.294.1Y</b>	<b>BN</b>	-	-	<b>TF15</b>	.12	165	44.3	54.3	70.1	29.5
	<b>5S5.324.1Y</b>	<b>BN</b>	<b>BQ</b>	-	<b>TF15</b>	.12	200	53.7	65.8	84.9	30.2
	<b>5S5.364.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	250	67.2	82.3	106.1	30.8
270° 	<b>5S5.295.1Y</b>	<b>BN</b>	-	-	<b>TF15</b>	.12	165	44.3	54.3	70.1	29.5
	<b>5S5.325.1Y</b>	<b>BN</b>	<b>BQ</b>	-	<b>TF15</b>	.12	200	53.7	65.8	84.9	30.2
	<b>5S5.365.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	250	67.2	82.3	106.1	30.8
270° 	<b>5S5.296.1Y</b>	<b>BN</b>	-	-	<b>TF15</b>	.12	165	44.3	54.3	70.1	29.5
	<b>5S5.326.1Y</b>	<b>BN</b>	<b>BQ</b>	-	<b>TF15</b>	.12	200	53.7	65.8	84.9	30.2
	<b>5S5.366.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	250	67.2	82.3	106.1	30.8
360° 	<b>5S5.299.1Y</b>	<b>BN</b>	-	-	<b>TF15</b>	.12	165	44.3	54.3	70.1	29.5
	<b>5S5.329.1Y</b>	<b>BN</b>	<b>BQ</b>	-	<b>TF15</b>	.12	200	53.7	65.8	84.9	30.2
	<b>5S5.369.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	250	67.2	82.3	106.1	30.8
	<b>5S5.399.1Y</b>	-	<b>BQ</b>	<b>BS</b>	<b>TF15</b>	.12	300	80.6	98.7	127.3	31.5

E = narrowest free cross-section · BSPP on request

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.

### Information on operation

- Operation with compressed air only for short-term usage. Operation above the recommended operating pressure means higher wear and smaller droplets. This might have adverse effects on the cleaning result.

### Slip-on information

- R-clip made of 316L SS is included (Ordering no.: 095.013.1Y.06.45.0).
- Depending on diameter of the adapter the flow rate can increase due to leakage between connecting pipe and rotating cleaning nozzle.

Example of ordering: **5S5.293.1Y** + **BN** = **5S5.293.1Y.BN**